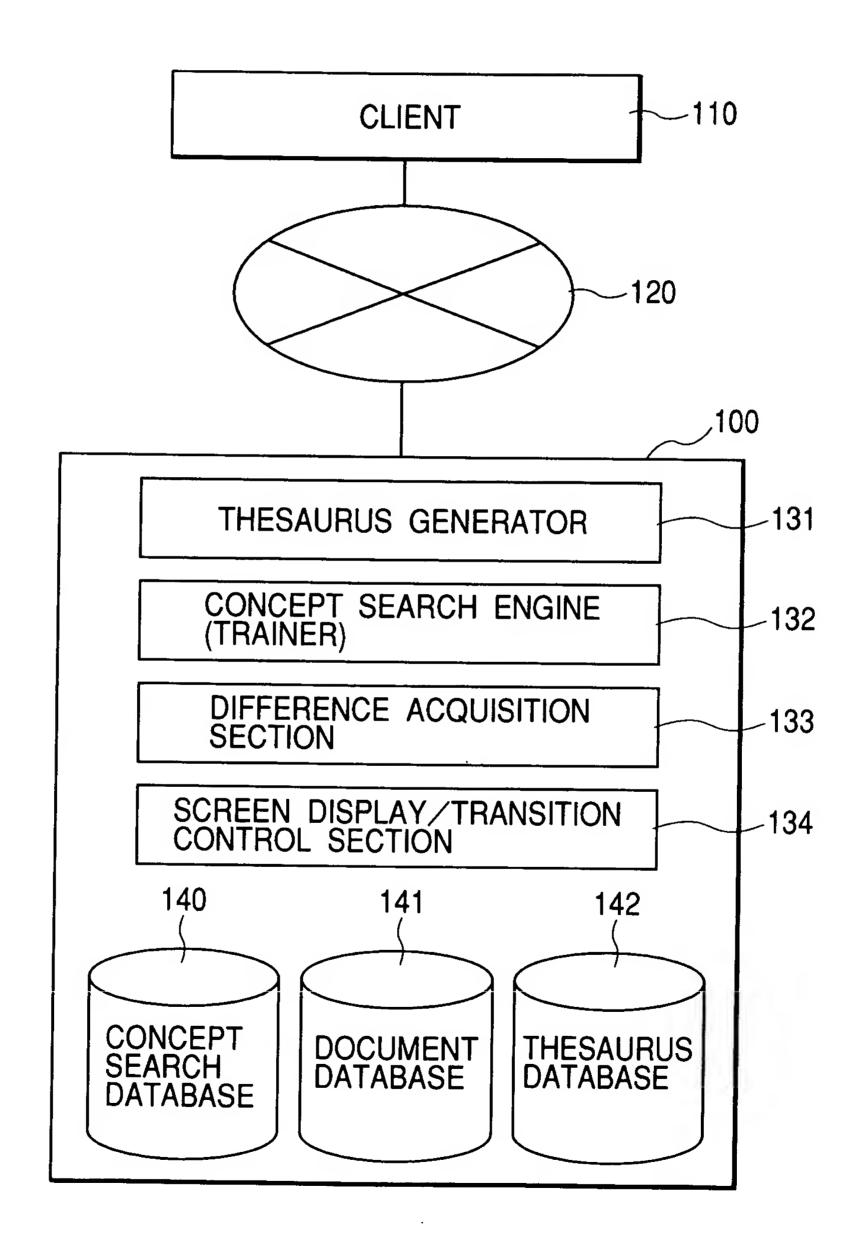
FIG. 1



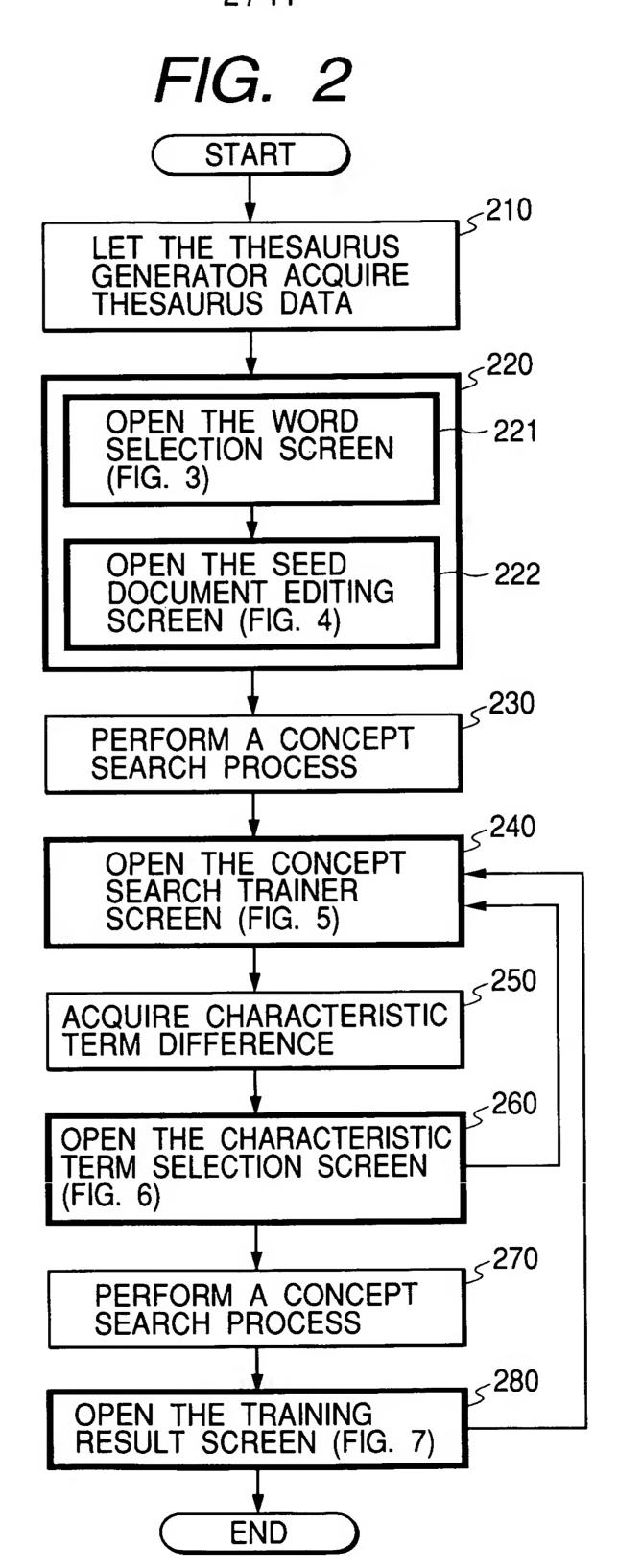


FIG. 3

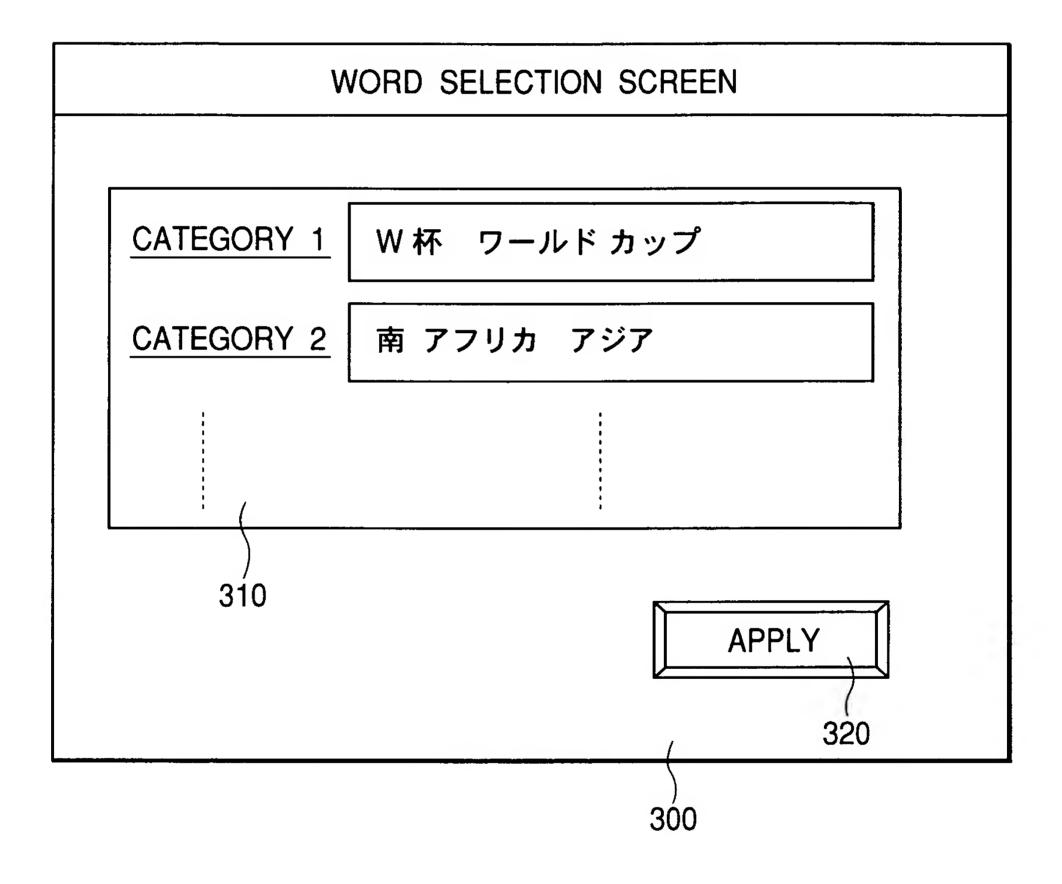


FIG. 4

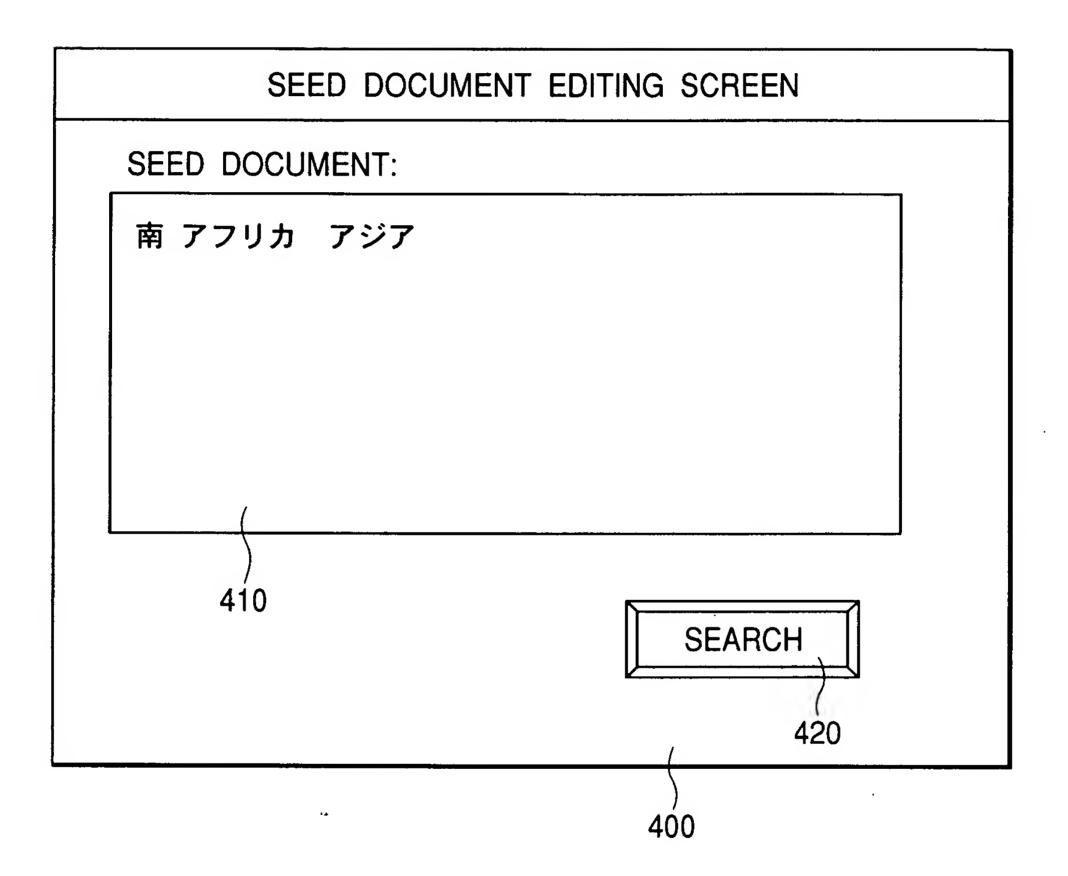


FIG. 5

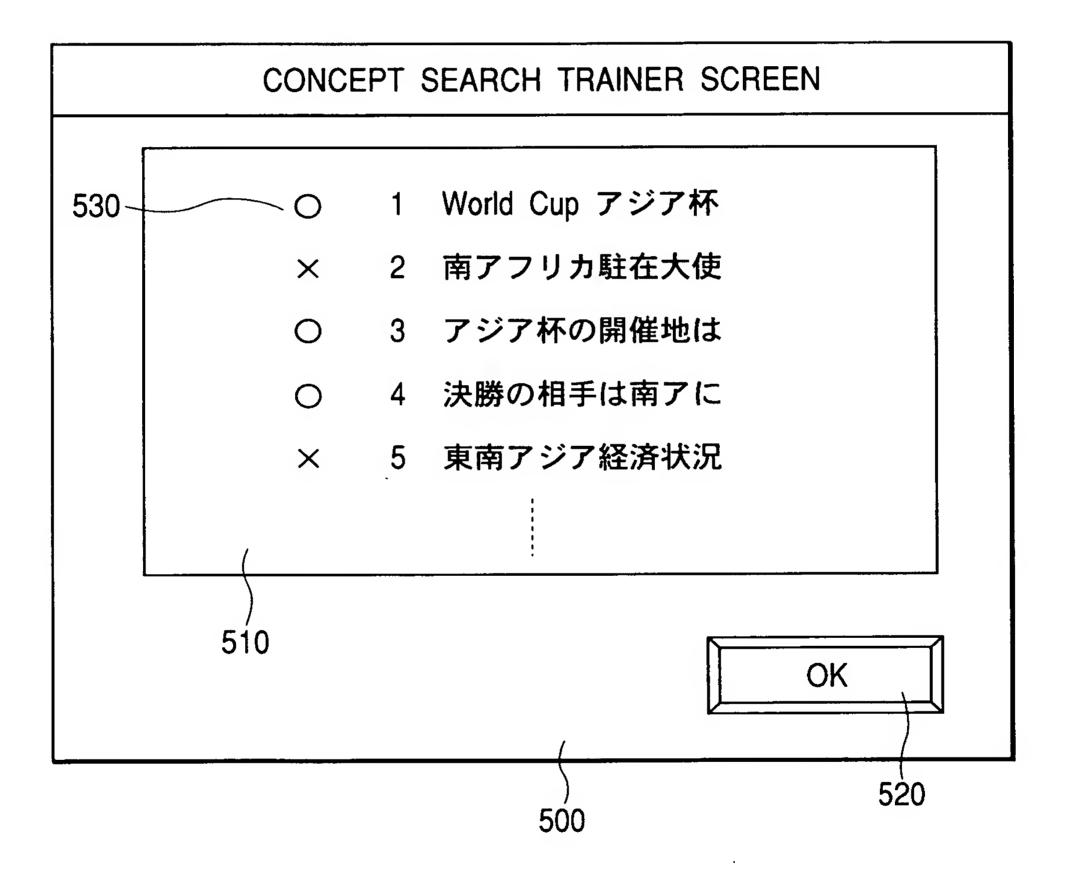


FIG. 6

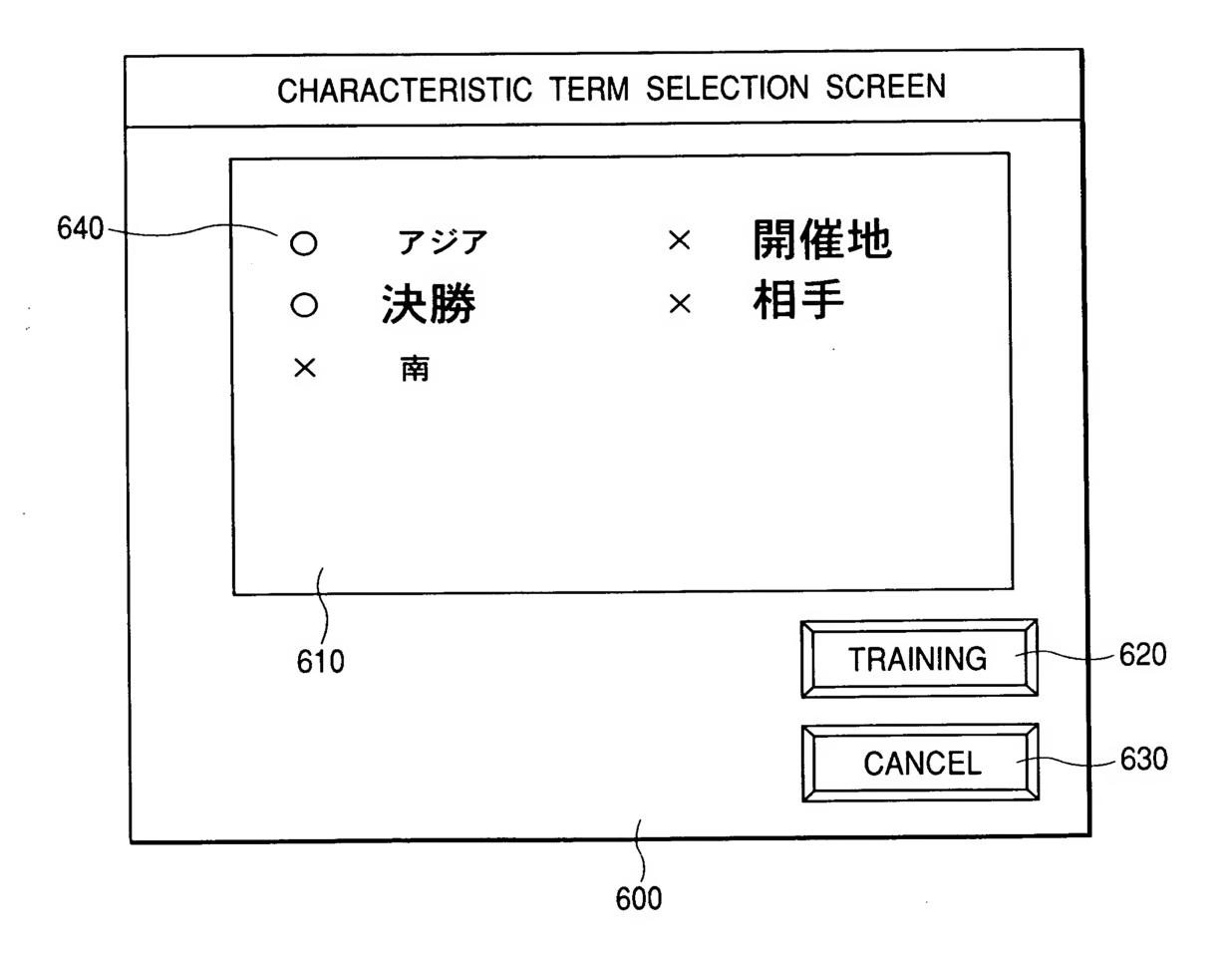
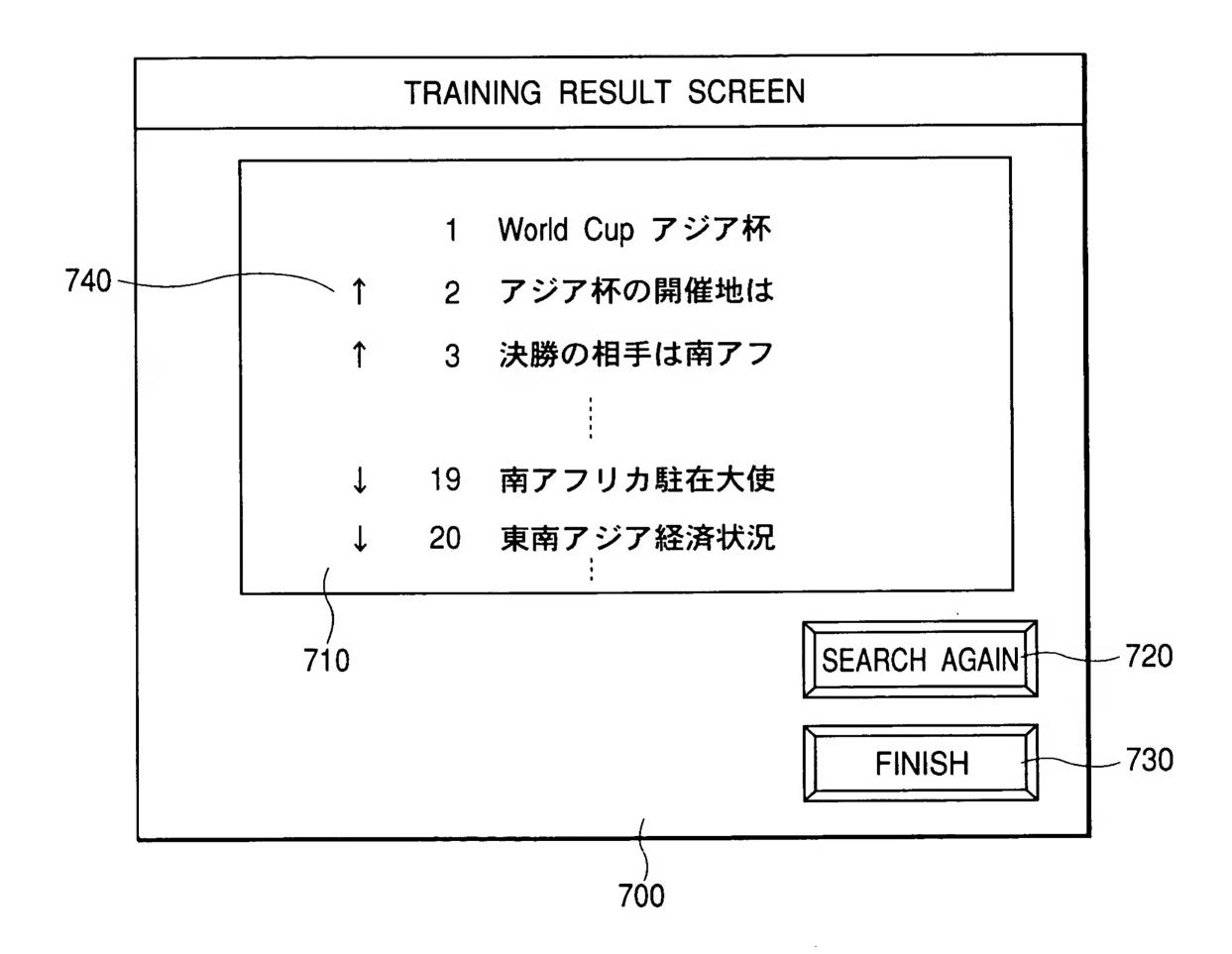


FIG. 7



FLOWCHART 1
WORD SELECTION SCREEN AND SEED DOCUMENT
EDITING SCREEN DISPLAY PROCESSES

START -801 LET THE THESAURUS GENERATOR 130 ACCESS THE THESAURUS DATABASE 142 TO GENERATE THESAURUS DATA <802 OPEN THE WORD SELECTION SCREEN 300 AND DISPLAY THE GENERATED THESAURUS DATA IN THE DISPLAY WINDOW 310 **803** OPEN THE SEED DOCUMENT EDITING SCREEN 400 WHEN THE USER PRESSES THE APPLY BUTTON 320. AND LET THE USER ENTER A GROUP OF WORDS IN THE SEED DOCUMENT **EDITING AREA 410** √804 LET THE USER EDIT THE SEED DOCUMENT IN THE SEED DOCUMENT **EDITING AREA 410 805** EXTRACT CHARACTERISTIC TERMS FROM THE GENERATED SEED DOCUMENT WHEN THE USER PRESSES THE SEARCH BUTTON 420, AND STORE THE EXTRACTED CHARACTERISTIC TERMS IN MEMORY (CHARACTERISTIC TERMS (1)) **<806** START A SEARCH PROCESS

END

FLOWCHART 2 CONCEPT SEARCH TRAINER SCREEN DISPLAY PROCESS

START

OPEN THE CONCEPT SEARCH TRAINER SCREEN 500 AND DISPLAY THE SEARCH RESULT IN THE CONCEPT SEARCH TRAINER WINDOW 510

LET THE USER NOTE THE DOCUMENTS DISPLAYED AS THE SEARCH RESULT AND PUT A O MARK ON RELEVANT DOCUMENTS AND A × MARK ON IRRELEVANT DOCUMENTS, AND PROCEED TO STEP 3 WHEN THE USER PRESSES THE OK BUTTON 520

PERFORM A CHARACTERISTIC TERM WEIGHT REEVALUATION PROCESS SO AS TO INCREASE THE WEIGHTS ASSIGNED TO CHARACTERISTIC TERMS EXTRACTED FROM DOCUMENTS MARKED AND DECREASE THE WEIGHTS ASSIGNED TO CHARACTERISTIC TERMS EXTRACTED FROM DOCUMENTS MARKED X, AND STORE THE REEXTRACTED CHARACTERISTIC TERMS (CHARACTERISTIC TERMS (2))

EXECUTE THE DIFFERENCE ACQUISITION PROGRAM 132 TO ACQUIRE WORDS (CHARACTERISTIC TERMS (3)) THAT EXIST AS CHARACTERISTIC TERMS (2) BUT NOT AS CHARACTERISTIC TEMS (1)

END

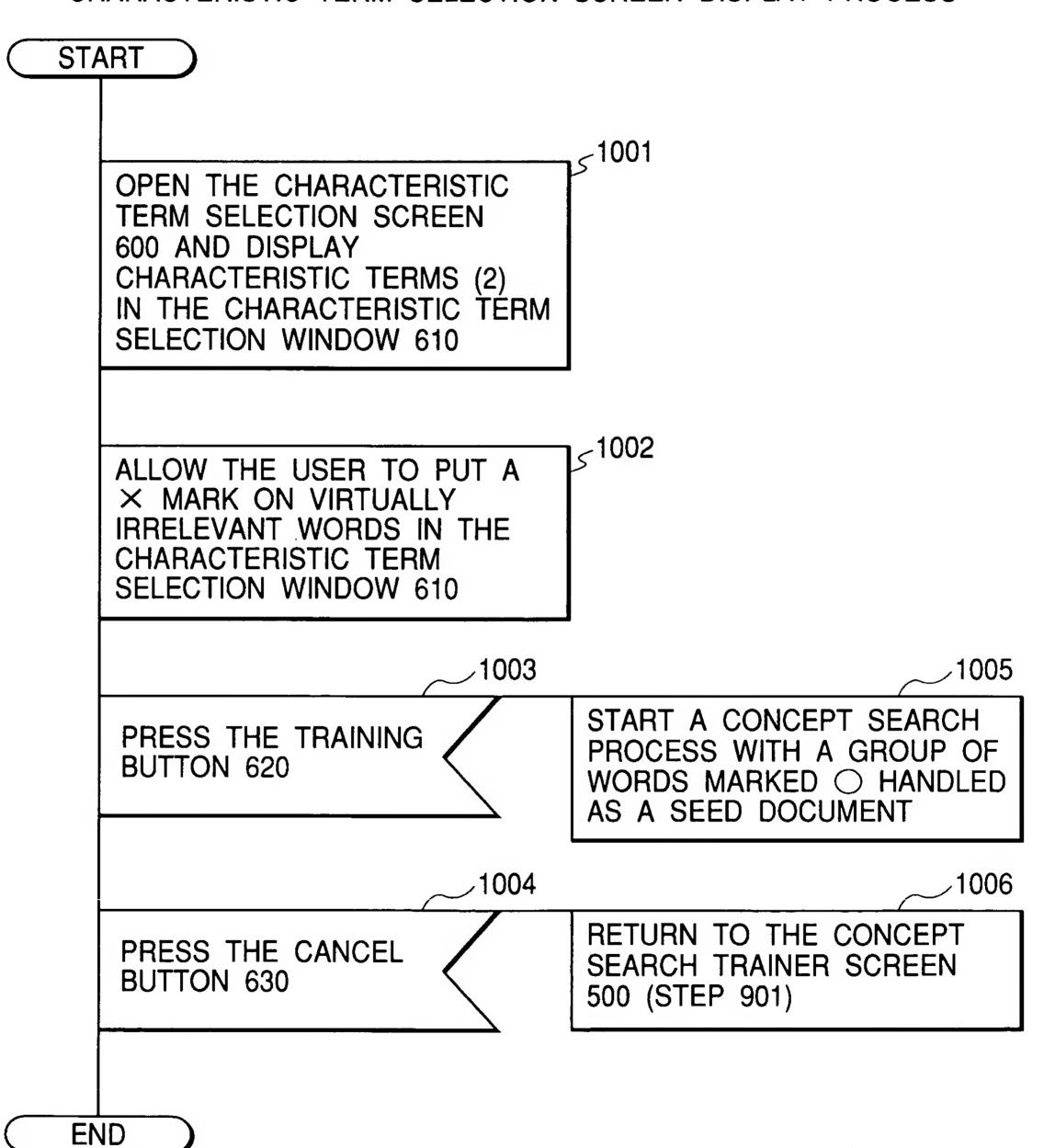
<903

_902

_901

NOC

FLOWCHART 3 CHARACTERISTIC TERM SELECTION SCREEN DISPLAY PROCESS



FLOWCHART 4 TRAINING RESULT SCREEN DISPLAY PROCESS

